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Daphne Der-Fen Liu* (dliu@calstatela.edu), Department of Mathematics, California State University, Los Angeles, CA 91775. *Circular consecutive choosability for every cycle and for $\theta_{2,2,4}$ is 2.*

Circular consecutive choosability is a notion recently introduced by Lin et al. [1], and can be regarded as a “circular” variation of the consecutive choosability introduced by Water [3]. In this talk, we confirm the conjecture of Lin et al. [1] that the circular consecutive choosability for every cycle is 2. Moreover, we prove that the same result holds for the theta graph $\theta_{2,2,4}$. The latter result also partially confirms a conjecture of Norine and Zhu [2] that every 2-choosable graph is 2-circular-consecutive-choosable.

[1] W. Lin, D. Yang, Z. Yang and X. Zhu, *Circular consecutive choosability of graphs*, manuscript, 2006.

[2] S. Norine and X. Zhu, *Upper bounds on circular consecutive choosability*, manuscript, 2007.

[3] R. J. Waters, *Consecutive list colouring and a new graph invariant*, London Mathematical Society, 73 (2006), 565 – 585.

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